## **PATENT COOPERATION TREATY**

**PCT** 

## **INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	(Form PCT/)	tion of Transmittal of International Search Report SA/220) as well as, where applicable, item 5 below.
P2096 PCT	ACTION	
International application No.	International filing date (day/month/year	(Earliest) Priority Date (day/month/year)
PCT/CH 03/00721	04/11/2003	13/11/2002
Applicant		
HEPTAGON OY		
according to Article 18. A copy is being to	ransmitted to the International Bureau.	Authority and is transmitted to the applicant
This International Search Report consists  It is also accompanied by	s of a total ofsheets. y a copy of each prior art document cited in	n this report.
Basis of the report		
With regard to the language, the language in which it was filed, ur	e International search was carried out on the	e basis of the international application in the
the international search v	was carried out on the basis of a translatio	n of the international application furnished to this
was carried out on the basis of the	ne sequence listing:	the international application, the international search
	onal application in written form.	
	ernational application in computer readable	e form.
	o this Authority in written form.	
	o this Authority in computer readble form.	ling doos not go housed the displanter in the
	as filed has been furnished.	ting does not go beyond the disclosure in the
the statement that the infurnished	formation recorded in computer readable f	orm is identical to the written sequence listing has been
2. Certain claims were for	und unsearchable (See Box I).	
3. Unity of invention is la	cking (see Box II).	
4. With regard to the title,		
l 📻 i	ubmitted by the applicant.	
I = "	shed by this Authority to read as follows:	
E MANUEL CONTRACTOR		
5. With regard to the abstract,		
the text has been establi	ubmitted by the applicant. shed, according to Rule 38.2(b), by this A e date of mailing of this international seam	uthority as it appears in Box III. The applicant may, ch report, submit comments to this Authority.
6. The figure of the drawings to be put	olished with the abstract is Figure No.	2+7
X as suggested by the app	licant.	None of the figures.
because the applicant fa	iled to suggest a figure.	_
because this figure bette	r characterizes the invention.	

## **INTERNATIONAL SEARCH REPORT**

International Application No
PCT/CH 03/00721

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	US 2002/113246 A1 (NAGAI H ET AL) 22 August 2002 (2002-08-22)	1-15
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#### INTERNATIONAL SEARCH REPORT

International Application No PCT/CH 03/00721

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01L33/00 G02B27/44

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

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 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{H01L} & \mbox{G02B} \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to daim No.
X	DHOEDT B ET AL: "Monolithic integration of diffractive lenses with LED-arrays" JOURNAL OF LIGHTWAVE TECHNOLOGY, 1995, vol. 13, pages 1065-1073, XP000520978 ISSN: 0733-8724 page 1066, paragraph 4 -page 1069	DZ	1-7, 9-13,16
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Further documents are listed in the continuation of box C.	Patent family members are lister in annex.
Special categories of cited documents:  A' document defining the general state of the art which is not considered to be of particular relevance  E' earlier document but published on or after the international filing date  L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  O' document referring to an oral disclosure, use, exhibition or other means  P' document published prior to the international filing date but later than the priority date claimed	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search	Date of mailing of the international search report
3 February 2004	10/02/2004
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  van der Linden, J.E.

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Information on patent family members

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